

Absorption Analysis of the Star-Producing Components
of Cosmic Rays. III. Scintillation Counter Measure-
ments, by G. Kuhn, E. Schopper, 14 pp.

GERMAN, part, Z Naturforsch, Vol IXa, 1954, pp
651-656.

AEC TR TT-746

Sci. Phys

Rep 18

73, 727

The Development of Exhaust-Driven Supercharger
Construction in the GDR and in the Federal
Republic, by G. Kuhn. UNCLASSIFIED

GERMAN, per, Maschinenbau Technik, No 10, 1957.

Navy Tr 1662/ONI-140

EEur- Germany
Econ
Apr 58

60,727

Adjustable Punching Device, by H. Kuhn, Sohne, 2 pp.

HERMAN, patent No 201,252.

US Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Engineering
Jun 5.

66,653

TT-64-10429

Kuhn, H. and Forejtnik, I.
CRITICAL CONTRIBUTION TO THE DETERMINATION
OF NORNICOTINE IN TOBACCO. [1962] 26p 16refs
Order from SLA \$2.60 TT-64-10429

I. Kuhn, H.
II. Forejtnik, I.

Trans. of Fachliche Mitteilungen d(er) Österreichischen
Tabakregie (Austria) 1960, no. 1, p. 1-11. (Abstract
available)
Another trans. is available from K-H \$32.50 as
K-H-10684-b [1962].

DESCRIPTORS: *Nicotine, *Tobacco, Chemical
analysis.

The paper is a report of personal experiences gained
from the analysis of various "nornicotine tobaccos"
using methods suitable for routine analysis. Besides the
titration method according to Cundiff & Markunas, which
is largely used nowadays, we discuss in detail the
(Chemistry--Analytical), TT, v. 11, no. 9) (over)

Office of Technical Services

Low-Nicotine Tobaccoos, by H. Kuhn, 36 pp.

GERMAN, Fachliche Mitteilungen der Österreichischen
Tabakregie, No 2, Austria, 1958, pp 3-18.

SLA 59-10258

Sci - Biology
Oct 59
Vol II, No 4

103,218

Action of the Rete Mirabile as Hairpin ~~KERN~~
Countercurrent and System for Establishing
High Gas Pressures in the Swim Bladder of
Deep-Sea Fish, by H. Kuhn.

GERMAN, per, Pflugers Archiv, Vol CCLXXV,
1962, pp 321-337.

CSIRO/No 6128

Sci-Biol
July 63

236, 269

I. Kuhn, H. and Forejtak, I.
CRITICAL CONTRIBUTION TO THE DETERMINA-
TION OF NICOTINE IN TOBACCO. [1962].
Dokl. Chem. K-H 10684-b. K-H 10684-b.
Trans. of Fachhochschule [Hochschule] Österreich-
ische Fachhochschule (Austria) 1960, no. 1, p. 1-11.
[1] SUBJECTS: *Nicotine, *Tobacco, Chemical
analysis.

(Chemistry - Analytical) (T, v. 8, no. 1)

62-17409

- I. Kuhn, H.
- II. Forejtak, I.
- III. K-H-10684-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-17409

Office of Technical Services

Kuhn, L. and Bohn, H.
THE OCCURRENCE OF SECONDARY ALKALOIDS IN
COMMERCIAL TOBACCOES. [1962] 23p.
Order from K-H \$18.75 K-H 5308

Trans. of Fachliche Mitteilungen der Österreichischen
Tabaktrugs (Austria) 1956, no. 1, p. 6-13.

DESCRIPTORS: "Alkaloids, "Tobacco.

(Chemistry--Analytical, TT, v. 8, no. 11)

62-72536

- I. Kuhn, H.
- II. Bohn, H.
- III. K-H-5608
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0222154

Office of Technical Services

Viscosity of a Function of Flow Gradient
in Highly Diluted Suspensions and Solu-
tions, by W. Kuhn, H. Kuhn.

GOVERNMENT USE ONLY

CHIMIE, Ser. Helv Chim Acta, Vol 29,
1946, pp 97-127.

PAS. TT F-12,013

W. Kuhn

Sci-Chem

Box 60

377,055

Low-Nicotine Tobacco, by H. Kuhl, 30 pp.

GERMAN, Ger, Fachliche Mitteilungen der
Osterreichischen Tabakregie, No 2, 1959,
pp 1-18.

SLA 59-10258

Sci - Biol
Dec 59
Vol 2, No 4

102,825

Contribution to the Determination of the Smoke Con-
densation of Filter Cigarettes, by H. Kuhn, J.
Marek, 17 pp.

GERMAN, per, "Beitrag zur Bestimmung des Rauch-
kondensates von Filterzigaretten"

Dept of Modern Languages
North Carolina State College

Sci
Feb 63

General Discussion of Studies of Lubricating Efficiency of
Rolling Oils, Especially Oil Emulsions, Part III, by
J. Billigmann, H. Kuhn, et al.
GERMAN, per, Stahl und Eisen, Vol LXXV, No 25, 1955,
pp 1701-1705.

HE 5353

Sci - M/M

Mix 64

250,785

Separation of Substances by Means of a Small Difference in Potential, by J. Piguet, W. Kuhn, H. Kuhn, 34 pp.

GERMAN, per, Helv Chim Acta, Vol XXXIV, 1951, pp 1183-1202.

S.L.A. Tr No 494/1955

Sci - Chemistry
Jan 1957 CTS/dex

465, 860

Theoretical Interpretation of the Absorption
of Light by Organic Dyes, by Hans Kuhn,

GERMAN, per, Zeitschrift für Elektrochemie,

Vol LIII, 1949, pp 165-178. P200110567

RSIC-465

Sci-China

May 67

326,155

Electron Gas Model of Organic Dyes. Field Effect
as the Cause of Anomalous Intensification in Absorption
Bands, by Hans Euhn, Walter Riber, 44 pp.

GERMAN, per, Helv Chim Acta, Vol XLII, 1959,
pp 363-386.

MIN 7-11

Sci - Chemistry
Aug 59

93,125

Hydrodynamic Coefficient of the Soil, by
H. Kuhn.

GERMAN, per, Zeitschrift der Deutschen
Geologischen Gesellschaft, No 114, 1962,

pp 6-153

CSIBO/No 7071

H. Kuhn

Sci -
Jul 67

335,065

Normal and Pathologic Physiology of the
Intrahepatic Bile Ducts, by H. A. Kuhn.
GIPMAN, per, Hippocrates, Vol 35, No 1,
1964, pp 4-7.
REF ID: A10-32965 (On Loan)

H A. Kuhn

HE-Germany
Sci/864
Mar 66

296,314

55
Inactivation of Lactic Dehydrogenase with Slow
Protons, by Heinz Kuhn, 16 pp.

GERMAN, per, Z. Naturforsch., Vol 15, 1960,
pp 277-284. P911388567

AEC OROEL-Tr-1760

Kuhn, Heinz

Sci-Chemistry
Dec 67

346,172

Investigation of Lactic Acid Dehydrogenase With
Eller Proteins, by Heinz Kuhn. 53

OSWALD, per, ~~Enzyme Biochemistry~~, Vol 15, 1960,
pp 277-284.

*ARC ORNL 25-1760

Heinz Kuhn

Sci - Chemistry
Aug 67

SETTE

(NY 204).

To Prepare for Railroad Investments More Fully, by
Helmut Kuhn,

GERMAN, np, Fahrt Frei, No 35, 2 Sep 1958, p 7.

*US JPRS

EE - East Germany

Econ - Transportation, Railroads

Nov 58

(2041-H)

To Prepare for Railroad Investments More Fully,
by Holmut Luhn, 7 pp.

GERMAN, REF. Fahrt Frei, No 35, Berlin, 1958,
p 7.

JPRS 1054-H

EDur - East Germany
Icon
Mar 59

83,607

C - Women in the Service of the Police, by Irene Kuhn,
5 pp. (ID-1050885) UNCLASSIFIED

Phil translation.

GERMAN, Die Volkspolizei, Vol II, No 3, Berlin, Mar 1949.

*ID GEUSA F-6281/C.

ESur - Germany
Military

May 52 CIB

DEX

A 6345

The Conversion of Methane and Petroleum Hydrocarbons with Steam, by C. Candea, J. Kuhn, 6 p.

ROMANIAN, per, Scoala Politehnica Timisoara, Bul Sci, 1934, Vol V, pp 225-232.

SLA 60-10250

Sci
Apr 60
Vol III, No 3

112,103

The Electron Microscopic "Staining" of Collagen
and the Development of a Highly Subdivided Cross
Striation, by K. Kuhn, W. Grassmann, U. Hofmann,
22 pp.

GERMAN, par, Z. Naturforsch, Vol XIII, 1958,
pp 154-160.

NIH 1-8-61

Sci - Med
Mar 61

141,635

The Formation of a Highly Subdivided Striation of
Collagen After Tanning With Phosphotungstic
Acid and Basic Cr-Solutions, by K. Kuhn, 12 pp.

GERMAN, per, Das Leder, Vol II, No 9, 1958,
pp 217-222.

MEH 1-6-61

Sci - Med
Mar 61

141,634

CONCERNING THE FORMATION OF COLLAGEN FIBRILS FROM
DISSOLVED COLLAGEN AND THE FUNCTION OF THE
CARBOHYDRATE-CONTAINING ACCOMPANYING COMPONENTS, BY
K. KUHN, W. GRASSMANN, 9 PP.

GERMAN, PRE, Z. FUER NATURFORSCHUNG, VOL XIVB, NO 7,
1959, PP 436-443.

NIH 6-27-62

SCI - CHEM

208,765

AUG 62

ON THE DISTRIBUTION OF THE ACID AMINO-ACIDS IN THE
TROPOCOLLAGEN MOLECULE, BY K. KUHN, U. HOFMANN,
2 PP.

GERMAN, PER, NATURWISSENSCHAFTEN, 2 VOL & XLVII, NO 1,
1960, PP 15-16.

NIH 5-45-62

SCI - CHEM
AUG 62

207,933

Changes in the Behaviour of Collagen With
Increasing Purification and After Treatment
With Proteolytic Enzymes, by K. Kuhn.
GERMAN, per, Z. Physiol. Chem, Vol 338, 1964,
pp 10-31.
CSIRO/No. 8123

K. Kuhn

Sci -
Jul 67

333,694

Cross Striction and Periodate-Silver Urotropin
Reaction in Different Types of Collagen, by K.
Birn, U. Hofmann, W. Grassmann, 25 pp.

GERMANY, par, Z Naturforsch, Vol XII, 1956,
pp 581-588.

REF 7-12

Sci - Chemistry
Aug 59

93,126

Kuhn, K. TEX-COUNT SYSTEM, 29 Apr 62, 3p. Order from SLA \$1.10 63-10827 Partial trans. (p. 527) of Melland Textilberichte (West Germany) 1960, v. 41, no. 5, p. 527-528. DESCRIPTORS: *Filters, *Counting methods, Textiles. (Materials--Textiles, TT, v. 10, no. 10)	63-10827 I. Kuhn, K. 125201 11 Office of Technical Services
--	---

The Binding of Phosphotungstic Acid in
Collagen, by K. Kuhn, W. Grassmann, U.
Hofmann, 3 pp.

GERMAN, per, Naturwiss, Vol XLIV, 1957,
pp 538-539.

NIH 6-28

Sci - Med

Jun 59

90,302

On the Theory of the Magnetic Amplifier With
Free Magnetization, by Ludwig Kuhn, 8 pp.

RUSSIAN, per, Frequenz, Vol VII, No 4, Apr 1953,
pp 90-94.

CIA/FDD/Z-134

Scientific - Electronics

CTB 65/Feb 55

21,265

Boundary-Friction Lubricants (Chiefly for the Cold
Working of Metals), by M. Kuhn, 2600 words.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 20, 1952,
pp 1212-1216.

Butcher No 3551

\$4.80

Scientific -- Minerals/metals

26, 722

Sep 55

Novel Rustproof Coatings Their Theoretical
Basis and Practical Outlook, by Martin Kuhn,
20 pp.

GERMAN, per, Farbe und Lack, Vol LXI, No 12,
1955, pp 552-561.

SLA 60-10429

Sci

Jun 60

118,352

Zinc Dust Resistant Preventative Paints With Electrochemical
Conductive Binders, by Martin Kuhn, Otto Bräuer,
et al., 6 pp.

GERMAN, per, Farbe und Lack, Vol LXIII, No 11,
1957, pp 535-541.

SL 59-15671

Sol
Dec 59
Vol 2, No 4

102,361

45
The Preparation of Calcium Shell formation in Sal-
mella Larvae, by O. Kuhn, H. Fuchs.

GERMAN, Ger. Naturwissenschaften, Vol 12, No 4,
1954, pp 286-287. P944226468

REF ID: A6752-58

Trans No 1845

O. Kuhn

Sci-101

Aug 48

384,170

Kuhn, Peter and Schimmel, Gerhard.
ELECTRON-MICROSCOPICAL INVESTIGATION OF
GLASS FIBERS (Elektronenmikroskopische Unter-
suchung von Glasfasern). [1961] [25]p. (foreign text
included) 15 refs.
Order from SLA 52 60

61-20842

Trans. of Glastechnische Berichte (West Germany)
1957, v. 30, no. 11, p. 463-470.

DESCRIPTORS: *Glass textiles, *Synthetic fibers,
*Electron microscopy, Scintillation, Microanalysis,
Gases, Selenium, Quartz, Lead, Fibers.

Very thin glass fibers were studied microscopically,
directly without recourse to a replica process.
During the irradiation, extremely thin fibers de-
veloped (for quartz glass with diameters below 15 A. u.),
which however could be picked-up unobjectionably.
(Materials--Ceramics, TT, v. 7, no. 5) (over)

61-20842

I. Kuhn, P.
II. Schimmel, G.

194000

Office of Technical Services

...and Der Dritte Geist ...
...by Dr. Phil. Martin Kuhn,
...Hamburg, ...

GERMAN, ...
1957, pp. 489-495.

CIA/EEA NY-553
NOT AVAILABLE TO FOREIGN NATIONALS

Sci. ...
Dec 58

77, 801

USIB INTERNAL USE ONLY

The Constitution of the United States, by E. E. Schattschneider.
7 p.
Chicago, Ill.: Rand for Government, Vol. XVIII, No. 7,
1951, pp. 241-248.

DOI: 1-4-44

See also R. E. Schattschneider
March 64

251,296

The 3-Form of E. A. Tamm, Chairman, by E. A. Tamm, F. E. Tamm,
ORIGINAL, per: Commission on the 3-Form, No. 34, 1967, pp. 713-734

OS 200/100 0307

Sci - Chem

Feb 64

230,493

Stereo-Isomerism of 2,2' Diamino-Bis(diphe-
nylene-Ethylene, by R. Kuhn.

GERMAN, par, Annalen der Chemie, Vol DXXXII,
p 196ff.

University of Melbourne
Trans. No. 90

Sci

May 60

115, 715

Micro Determination of Acetyl, Benzoyl and
C-Methyl Groups, by R. Kuhn, H. Roth.

GERMAN, per, Deutsche Chemische
Gesellschaft. Berichte, Vol LXVI, No 2,
1933, pp 1274-1280.

CSIRO/No 5888

Sci-Chem
May 63

229,901

The Biochemistry of Receptors, and Associated Factors,
by R. K. K. 7 pp.

GERMAN, per, Die Naturwissenschaften, Vol XLVI, No 25,
1959, pp 43-50. 904892 4

NYN 11-32

Sci - Medicine
Doc 88

102,626

The Milk Trisaccharide Cleavable by Viruses of
the Influenza Group, by Richard Kuhn,
Reinhold Brosamer.

GERMANY, per, Chemische Berichte, No 92, 1959,
pp 1667-1671.

NIH 2-65-63

Sci. - Biol./Med. Sci.

May 63

231,885

PENTAPHENYLPRROLIUM PERCHLORATE, BY RICHARD KUHN,
HELMUTH KATNER, 14 PP.

GERMAN, PER, BERICHTE DER DEUTSCHE CHEMISCHEN
GESELLSCHAFT, VOL LXXXV, 1952, PP 498-507.

NAVY TR 3232/APL T-319

SCI - CHEM

SEP 62

211,852

TT-65-12362

Field 7C

Kuhn, R.; Gauhe, A.; Baer, H. H.
CONCERNING LACTO-N-TETRAOSE AND ITS RELATION
TO THE FUCOSE-CONTAINING OLIGOSACCHARIDES
FROM HUMAN MILK (Ueber die Lacto-N-Tetrose und ihre
Beziehungen zu den Fucose-Haltigen Oligosacchariden der
Frauenmilch). 25p, 38 refs.
Order from S.L.A.: \$2.40 as TT-65-12362

Trans. of Chemische Berichte (West Germany) v87 n3
p289-300 1954.

I. Kuhn, R.
II. Gauhe, A.
III. Baer, H. H.

MR 631

On Pyrrole Radicals, by Richard Kuhn, Helmut
Kainer.

GERMAN, *per*, Biochemica et Biophysica Acta,
Vol XII, 1953, pp 325-328.

John Hopkins Univ
Applied Physics Lab
ERDL, Ft Belvoir T-1506

Sci - Phys
May 62

195, 954

The Hexosamine Content of Cartilage in Dependence
on Age, by Richard Kuhn, Hermann Josef Leppelmann
9 p.

GERMAN, par, Justus Liebigs Ann Chem, 1957,
Vol DCVII, pp 202-206.

SLA 59-16556

Sci
Apr 60
Vol III, No 3

11, 578

On Naphthorizole Salts as Reduction Indicators
and on a Reagent for Cobalt, by Richard Kuhn,
Erich Lindolph, 16 pp.

GERMAN, per, Liebigs Ann Chem DLXIV, 1949.
pp 35-43.

WIR 10-9

Sci - Med

Oct 59

SLA 59-19635 99,427

The Oligosaccharides of Milk, by Richard Kuhn,
11 pp.

FRESCH, per, Bull Soc Chim Biol, Vol XL, No 2/3,
1958, pp 297-314.

NIH 12-31-62

Sci - Med

Feb 63

222,494

Constitution of Ganglio-N-Tetraose and Ganglioside G_I,
By Richard Kuhn, Herbert Wiegandt.

GERMAN, psr, Chem Berichte, Vol XCVI, 1963, pp 866-880.

MIH 6-16-63

Bcl - Chem

Aug 63

343,540

62-18536

Kuhn, Rudolf.
DESCALING BY MEANS OF SALT BATHS: THE
SODIUM HYDRIDE AND THE KOLENE-15 PROCESSES
(Salzbadverfahren zum Entfernen von Zunder: das
Natriumhydrid- und das Kolene-15-Verfahren), [1962]
[8]p. (foreign text included).
Order from SLA \$1.10

62-18536

Trans. of Draht (West Germany) 1958, v. 9 [no. 10]
p. 390-391.

DESCRIPTORS: *Scale, Countermeasures, *Steel, Heat
treatment, *Sodium compounds, *Hydrides, Automation.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 9)

- I. Title: Kolene-15 processes
- I. Kuhn, R.
- II. Title: Sodium ...

Office of Technical Services

Ring Extension of Tetraphenylpyrrole, by
Richard Kuhn, Helmuth Kainer. FOR OFFICIAL USE ONLY

GERMAN, part, Annalen der Chemie, Vol DLXXVIII,
No 3, 1952, pp 226-227.

May Tr 3077/APL T-267

Sci - Chem

Apr 62

190,392

Ring Opening of Tetraphenylpyrrol, by Richard
Kuhn. FOR OFFICIAL USE ONLY

GERMAN, per, Annalen der Chemie, Vol DLXXVIII,
No 3, 1952, pp 227-229.

Navy Tr 3031/AFL T-272

Sci - Chem

Apr 62

190,396

A Nitrogen Containing Tetrasaccharide From Female
Human Milk, by Richard Kuhn, et al, 7 pp.

GERMAN, per, Chemische Berichte, Vol LXXXVI, 1953,
pp 827-830.

S.L.A. Tr No 342/1955

Sci - Chemistry
Jan 1957 CRS/dex

44,979

Action of Diazomethane on Peptides and Proteins,
by Richard Kuhn, 18 pp. UNCLASSIFIED

GERMAN, per, Chemische Berichte, Vol LXXXV, 1952,
pp 38-45.

QNT 415

Scientific - Chemistry
CTS/DEX

6629

STATIC INVESTIGATIONS OF THE DRAFT TUBE COVER
DECK IN HYDRAULIC POWERPLANTS, BY RUDOLF KUN KUNH,
GERMAN,
RUSSEAN PER, DER BAUINGENIEUR, VOL XXXIV, NO 5
1959, PP 192-21200.

DEPT OF INTERIOR
TC823 A358 NO 379

501 - ENGR

209,503

SEP 6 8

Development of Polish Telecommunications to 1950,
by Stanislaw Kuhn, 17 pp. UNCLASSIFIED

POLISH, no per, Przegląd Telekomunikacyjny,
Vol XXIV, 18, No 2, ~~1951~~ Warsaw, Feb 1951.

CIA/FDD/X-1666

EEur - Poland

Economic - Communications, telecommunications'
development

DEK only

24,359

7

Assignments of the Wave Propagation Laboratories
of the Central Radio and Television Office B.F.Z.
of the East German Post Office DP at Neuberg
Near Berlin, by U. Egon, F. Timmer, 12 pp.
GUTHMANN, J., *Radio- und Fernseh-Technik*,
Vol. XIV, No. 4, 1964, pp. 134-139.
JFVLS 21229

EN-Germany
Bcon
Jul 64

263,578

Poznan-Kolberg, A 1200-Megacycle Test Line, by
Udo Kuhn, 5 pp. UNCL.

GERMAN, per, Radio und Fernsehen, Vol X, No 6, 1961,
pp 391-393.

JPRS EC-6137

Sci - Electron

Aug 61

163, 794

Determination of Nitrogen and Identification of
Aluminium Nitride in Case Steel, by V. Kuhn,
P. Detrez.

FRANCE, per, Memoires (Les) Scientifiques de la
Revue de Metallurgie, Vol LIX, Jun 1962,
pp 405-415.

BIBI 3014

Sci - Chem

Jan 63

219,253

Kuhn, V.

A NEW METHOD FOR THE SIMULTANEOUS COMPLEXOMETRIC DETERMINATION OF CALCIUM AND MAGNESIUM IN BLAST-FURNACE SLAG AND REFRACTORY PRODUCTS. [1960] 1p. 3 refs.

Order from SLA ml\$1.80, ph\$1.80 61-10237

Trans. of Zeitschrift für Analytische Chemie (West Germany) 1959, v. 169, no. 4, p. 291.

The method consists of removing the interfering elements by extraction with acetylacetone and diethyldithiocarbamate in chloroform and a subsequent titration of calcium with EDTA and 2-hydroxyl-1(2-hydroxy-4-sulfo-1-naphthylazo) 3-naphthoic acid as indicator. Magnesium is determined in the classical manner with eriochrome black T.

(Chemistry--Analytical, TT, v. 5, no. 3)

61-10237

1. Slags--Chemical analysis
2. Refractory materials--
Chemical analysis

1. Kuhn, V.

Office of Technical Services

The Peculiarities of Seismic Waves in Media With
Pinching Out Layers (From Model Investigation,
by V. V. Kuhn, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 12, 1961, pp 1749-1767.

AGU

Sci

200,223

Jun 62

The Peculiarities of Seismic Waves in Media
with Vertical Interfaces, by V. V. Kuhn,
8 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Ser Geofiz, No 5,
1960, pp 658-670.

AGU

Sci
Feb 61

138,408

The Relative Intensity of Head Waves Propagated
in Media with Vertical Interfaces, by G. N.
Pariiskaya, V. V. Kuhn, 5 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Ser Geofiz, No 5,
1960, pp 725-732.

AOU

Sci
Feb 61

138,414

31
Volume and Material Transport through Porous
Membranes, by W. Kuhn.

GERMAN, por, Beiträge der Bunsengesellschaft,
67, 1963, pp 364-372.

*NBS IT 70-57322

Sol-Chen
Aug 70

W. Kuhn

Transformation directe de l'energie de dilution
de solutions en energie electrique par des
membranes a pores ultra-fins, by W. Kuhn,
EP. Lauger, 27 pp.

GERMAN to FRENCH, per, Helv chim Acta, Vol XLV,
No 1, 1962, pp 21-33.

Reverse Translation
CEA-A-1492

Sci
Jun 64

Dielectric Relaxation Time Spectrum of
Methyl Cellulose In Water, by W. Kuhn,
P. Moser.
GERMAN, per, Zeitschrift fuer Elektrochemie,
Vol 65, 1961, pp 649-651.
INCH-8716

Dr. Kuhn

Sci-Chem
Jul 66

305,550

Viscosity of a Function of Flow Gradient
in Highly Diluted Suspensions and Solu-
tions, by W. Kuhn, H. Kuhn.

GOVERNMENT USE ONLY

GERMAN, per, Helv Chim Acta, Vol 28,
1945, pp 97-127.

NASA TT F-12,013

Sci-Chem
Mar 69

377,058

Determination de l'humidite par diffusion elastique
de neutrons rapides, by W. Kilm, 14 pp.

GERMAN to FRENCH, per, Atompraxis, No 4, 5,
1959, pp 133-137.

Reverse Translation
CEA-A-1696

3c1
How 104

Mechanism of Urine Concentration in the
Kidney, by W. Kuhn,

FRENCH, rpt, Internationales Nierensymposion,
1960, pp 3-17.

CSIRO/No 6127

Sci-Med
July 63

236,262

The Relations Between the Anomalous Freezing
Point Depression and the Mechanical-Elastic
Behavior of Gels, by W. Kuhn, E. Peterli,
H. Hager, 12 pp.

GERMAN, per. Z. fur Elektrochemie,
Vol. LXIII, No 3, 1958, pp 296-300.

SLA 60-16799

Sci
Vol. IV, No 7
May 68

193, 687

Analysis of Textile Threads with Radio-Nuclides,
by W. Kuhn. 103
GERMAN, rpt. Symposium on the Use of Radioactive
Isotopes in Textile Research and Industry,
Lima/Peru, 8-10th Jul 1964. 9130485
AEC-PP-Tr-1298

Sci - 125
Jan 66

Kuhn, W.

294,423

Separation Effects in the Distillation of
Mixtures of any Number of Components, by W.

Kuhn.
Chemical, Eng., Industries Chemicals, Vol 29,
1946, pp 329-342.
CASC 2517

W. Kuhn

Sci - Materials
Aug 67

88
121

Distillation, by [illegible] 24 pp.
GERMAN, [illegible] Vol XXV.
No 2, 1942, p. [illegible]
AEC-NP-Tr-1104

51
80

Sci-Phys
May 64

337,157

Properties, Configurations and Correlations of the ~~RCM~~
Differences in the Behavior of Optically Active Sub-
stances, by W. Kuhn, 26 pp.

GERMAN, par, Angew Chem, Vol LKVIII, 7 Feb 1956,
pp 93-103.

SLA

Sci

Aug 59

95, 133

gg
The Principle of Multiplication of Separation
and Concentration Effects, by W. Kuhn.
Zusatz, zur, ~~Erkenntnis~~ Erkenntnis, Vol 21, 1972,
pp 238-255.
*AB: 2618

W. Kuhn

Sci - Physics
Aug 67

1
The Self-Linking of Filamentary Molecules, by W. Kuhn,
H. Majer, 19 pp.

No 18/19
GERMAN, par, Makromol Chem, ~~Vol XVII~~ ~~1956~~, 1956,
pp 239-253.

SLA Tr 1678

Sci. Chem
Apr 1957

Jan 1957
#6, 333

The Separation of Materials in Precision Distillation
Columns, by W. ~~ALB~~ Kuhn, P. Baertschi, H. Timrkauf,
15 pp.

FRENCH, per, Chimia, Vol VIII, 1954, pp 109-122,
145-156.

SLA Tr 3014

Sci - Chemistry
Mar 58

59,800

Continuous Gas Chromatography, by W. Kuhn , A. Barten,
M. Thurnau, 22 pp.

GERMAN, par, Helv Chim Acta, Vol XLII, No 7, 1958,
pp 2135-2149.

SLA 59-15335

Sci - Chemistry
Nov 59

103,264

Final Concentration of Heavy Water by Rectification,
by P. Baertschi, W. Kuhn.

PORTUGUESE, paper, P/927, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol. VIII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,084

Active Salt K^+ Transport as a Possible (and
Probable) Individual Effect in the Urine
Concentration in the Kidney, by W. Kuhn, A.
Rasmul, 69 pp.

GERMAN, par, Helvetica Chimica Acta, Vol XLII,
1959, pp 628-660.

NIH 1-9a-60

Sci - Med

Mar 60

119,478

Preparation of Concentrated Solutions From Dilute Ones by Simple Membrane Action. A Model Experiment on the Function of the Kidney, by W. Kuhn, W. Ryffel, 50 pp.

GERMAN, per, Hoppe-Seyler's Zeitschrift für Physiologische Chemie, Vol CCLXXVI, No 4, 1942, pp 145-178.

NIH Tr No 12

31,119

Scientific - Chemistry

Continuous Gas Chromatography, by W. Kuhn. A.
Herrlich, H. Thürkhauf, 22 pp.

GERMAN, Ger., Helvetica Chimica Acta, Vol. XLI,
No. 7, 1958, pp. 2135-2149,

SLA 59-15335

Sol - Chem
Dec 59
Vol 2, No 4

102,804

A Multiplicative Procedure for the Separation of
Gas Mixtures, Especially by the Use of Gravitational
Fields, by H. Martin and W. Kuhn, 94 pp.

GERMAN, per, Z. Phys Chem, Vol CLXXXIX, pp 219-
316.

SLA 57-2861
(AEC Tr 2879)

Sci

Aug 58

71,205

Continuous Measurement of the Concentration of
Solutions by Means of Bremsstrahlung From Low
Energy, Beta Emitters, by W. Kuhn, 9 pp.

GERMAN, per, Chemie-Ingenieur-Technik, Vol XXXII,
1960, pp 747-749. 9208264

ABC-Tr-5707

Sci - Phys

Jan 63

234,291

A Multiplicative Procedure for the Separation
of Gas Mixtures, Especially by the Gravita-
tional Fields, by H. Marten, W. Kuhn, 94 pp.

GERMAN, *op. cit.*, Z. phys Chem., A, Vol CLXXXIX,
pp 219-316.

SLA Tr 57-2582
AEC Tr-287

Sci
Aug 58

68,568

Continuous Measurement of the Moisture Content
of Ore Fines for Sinter Plants by Neutron
Scattering, by W. Kuhn.

GERMAN, per, Kerntechnik, Vol V, No 5, 1963,
pp 207-212.

BISI 3376

Sci - Nuclear Science & Technology
Nov 63

241,660

Localization of the Concentration Process
in the Kidney by Direct Cryoscopy, by H. Wirtz,
D. Hengstler, W. Kuhn, 21 pp.

HEBMAN, per, Helv Physiol Acta, Vol IX, 1951,
p. 196-207.

WIRZ

Scientific - Medicine

CIC/DM

13,808

Separation of Substances by Means of a Small Difference in Potential, by J. Piguet, W. Kuhn, H. Kuhn, 34 pp.

GERMAN, per, Helv Chim Acta, Vol XXXIV, 1951, pp 1183-1202.

S.L.A. Tr No 494/1955

Sci - Chemistry
Jan 1957 CTS/dex

465, 860

The Hairpin-Counterflow Principle as the Basis
of the Urine Concentration in the Kidney, by W.
K. Kuhn, 30 pp.

GERMAN, Fur, Klin Wochenschrift, Vol XXXVII,
1959, pp 997-1003.

NIH 1-17-60

Ser: Med.

Feb 60

107,513

Isotope Separation During Freezing of Water, and
Diffusion Constants of D and O¹⁸ in the Ice, by
W. Kuhn, M. Thierkauf, 32 pp.

GERMAN, per, Helv Chim Acta, Vol XLI, 1958,
pp 938-971.

AEC-MLM-Tr-1206

Sci-Phys
Aug 65

286,384

Kühn, Walter.
POLYETHYLENE: ITS PRETREATMENT AND
PRINTABILITY. [1961] 18p. (12 figs. omitted) 4 refs.
Order from SLA \$1.60 62-10519

Trans. of Kunststoffe (West Germany) 1958, v. 48,
no. 6, p. 242-249.

DESCRIPTORS: *Packaging, Materials, Plastics,
*Polymers, *Ethylenes, Processing, Physical
properties, *Printing.

(Materials-Plastics, TT, v. 7, no. 10)

62-10519

I. Kühn, W.

208229

Office of Technical Services

46
Presenting Paper: Symposium on the Ammonium Crystal
Structure as well as the Law of the Crystal State,
by Professor Robert J. M. S.
GUTHRIE, J. R., International Chemical Acta, Vol XXXIX,
1974, pp 1571-1584.
AND OTHERS - 71-72

See Other
Page 44

264,946

Kuhn, Werner.

SPONTANEOUS BREAKUP OF FLUID CYLINDERS
INTO SMALL SPHERES. [1961] 30p. (4 figs. omitted)
3 refs.

Order from SLA \$2.60

62-10594

Trans. of [Kolloid-Zeitschrift] (West Germany) 1953,
v. 132, no. 2/3 [p. 84-99].

DESCRIPTORS: *Cylindrical bodies, *Fluids, *Spheres
*Spheres, Surface area, Mathematical analysis, Sur-
face tension, Colloids, Particles, Friction.

It was shown that an elongated circular cylinder is in
neutral equilibrium with respect to small expansions
or contractions on the cylinder surface if the expanse
of the expansion or contraction in the direction of the
axis of the cylinder is greater than the radius of the
cylinder, but is stable if the longitudinal expansion of
the disturbances is smaller than the cylinder radius.
(Author)

(Continued on page 111)

62-10594

I. Kuhn, W.

209067

Office of Technical Services

Limit of the Permeability of Filtration and
Solubility Membranes, by Werner Kuhn, 35 pp.

GERMAN, par, Z. Elektrochem, Vol LV, No 3, Apr 1951,
pp 217-217.

NIM 12-17-60

Sci - Med
Feb 61

139637

KUHN, Werner

Size and Form of Particles from Viscosity and Double
Refraction of Flow - German Zeitschrift fur Physikalische
Chemie, Vol 161, 1932 - AEC Tr Oct 49 CTS

116346

Kinetics of the Establishment of Equilibrium in an E
Osmometer, I, by G. V. Schulz, Wo H. Kuhn.

GERMAN, Ger, Makromol Chem, Vol XXIX, 1959, pp 220-229

ATB 185-GJ

Sci - Chem
Nov 59

100,384